

Claims

1. Guide for supporting a displaceable object, comprising:
 - a plastic guide profile, and
 - 5 - a support structure supporting the guide profile,characterized in that the guide profile is engaged at least at two spaced-apart positions by the support structure, at least one engaging position of which consists of a free support of the guide profile on the support structure such that the freely supporting side of the guide profile is displaceable relative to the support structure.
- 10 2. Guide as claimed in claim 1, characterized in that the guide profile is coupled rigidly on one side to the support structure.
3. Guide as claimed in claim 1 or 2, characterized in that the guide profile is
15 provided with a three-dimensional contact surface at the position where it supports freely on the support structure.
4. Guide as claimed in any of the foregoing claims, characterized in that the
20 support structure is provided with a three-dimensional contact surface at the position where the guide profile supports freely thereon.
5. Guide as claimed in any of the foregoing claims, characterized in that the free
support of the guide profile on the support structure is formed by a recess in the guide
profile in which an engaging part of the support structure engages close-fittingly and
25 displaceably.
6. Guide as claimed in any of the foregoing claims, characterized in that a free
space is enclosed between the engaging part of the support structure and a part of the
recess on the side remote from the engaging part, in which recess the engaging part is
30 axially displaceable.
7. Guide as claimed in any of the foregoing claims, characterized in that the guide
profile is provided with a guide surface and the recess with the engaging part

displaceable therein are formed such that the direction of displacement of the engaging part relative to the recess is at least substantially parallel to the guide surface.

- 5 8. Guide as claimed in any of the foregoing claims, characterized in that the tight fit of the engaging part of the support structure in the recess in the guide profile leaves free a slotted space between the engaging part and the inside of the recess of a maximum of 3 mm, preferably less than 1 mm.
- 10 9. Guide as claimed in any of the foregoing claims, characterized in that the guide profile is manufactured from a high-molecular polyethylene.
10. Guide as claimed in any of the foregoing claims, characterized in that the support structure is manufactured from metal.
- 15 11. Guide as claimed in any of the foregoing claims, characterized in that the engaging part of the support structure and a recess co-acting therewith in the guide profile are at least substantially cylindrical.
- 20 12. Guide as claimed in any of the foregoing claims, characterized in that the guide profile is provided on opposite sides with engaging positions.
- 25 13. Assembled guide provided with a plurality of mutually connecting guides as claimed in any of the foregoing claims, wherein a plurality of guide profiles are placed connecting with a gap to each other.
14. Assembled guide as claimed in claim 13, characterized in that the gap between the profile parts is between 5 and 35 mm at atmospheric temperature.
- 30 15. Assembled guide as claimed in claim 13 or 14, characterized in that a plurality of profile parts are engaged by a single support structure.
16. Assembled guide as claimed in any of the claims 13-15, characterized in that the plurality of profile parts form a helical guide track.

17. Device for conditioning products displaceable along a guide track, comprising:
- an assembled guide as claimed in any of the claims 13-16,
 - displacing means for displacing the products for conditioning along the guide,
 - 5 - a housing at least partially enclosing the assembled guide and the displacing means, and
 - conditioning means for regulating the atmosphere in the housing.
18. Device as claimed in claim 17, characterized in that the conditioning means
- 10 comprise temperature-regulating means.
19. Device as claimed in claim 17 or 18, characterized in that the assembled guide comprises a vertically oriented, helical conveyor track with a housing placed therearound.
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20. Device as claimed in claim 19, characterized in that a rotatable core is placed in the helical conveyor track.
21. Device as claimed in any of the claims 17-20, characterized in that the
- 20 displacing means comprise a driven endless conveyor track.